

>XM_169439 ACCESSION:XM_169439 NID: gi 20561686 ref XM_169439.1
Homo sapiens similar to G protein-coupled receptor 56;
EGF-TM7-like (LOC222487), mRNA
Length = 1803

Score = 1008 bits (2578), Expect = 0.0
Identities = 549/600 (92%), Positives = 549/600 (92%), Gaps = 51/600 (8%)
Frame = +1

Query: 1 MATPRGLGALLLLLLLPTSGQEKPTGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD 60
MATPRGLGALLLLLLLPTSGQEKPTGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD
Sbjct: 1 MATPRGLGALLLLLLLPTSGQEKPTGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD 180

Query: 61 SCNVENLQRYWLNIEAHLMEGLTQKVNTPFLLKALVQNLSTNTAEDFYFSLEPSQVPRQV 120
SCNVENLQRYWLNIEAHLMEGLTQKVNTPFLLKALVQNLSTNTAEDFYFSLEPSQVPRQV
Sbjct: 181 SCNVENLQRYWLNIEAHLMEGLTQKVNTPFLLKALVQNLSTNTAEDFYFSLEPSQVPRQV 360

Query: 121 MKDEDKPPDRVRLPKSLFRSLPGNRSVVRNAVLTLDIGPGTLFKGPRLLGLDGGSGVLNNR 180
MKDEDKPPDRVRLPKSLFRSLPGNRSVVRNAVLTLDIGPGTLFKGPRLLGLDGGSGVLNNR
Sbjct: 361 MKDEDKPPDRVRLPKSLFRSLPGNRSVVRNAVLTLDIGPGTLFKGPRLLGLDGGSGVLNNR 540

Query: 181 LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFDVTKGTTGDWSSEGCSTEVRPE 240
LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFDVTKGTTGDWSSEGCSTEVRPE
Sbjct: 541 LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFDVTKGTTGDWSSEGCSTEVRPE 720

Query: 241 GTVCCCDHLTFFALLLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAF----- 292
GTVCCCDHLTFFALLLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAF
Sbjct: 721 GTVCCCDHLTFFALLLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAFRAVPPPS 900

Query: 293 -----LRLSRERFKSEDAPKIH 309
LRLSRERFKSEDAPKIH
Sbjct: 901 PRHGPHPPQAECDLPAAGRIAGPCERGLERQEKLPAPQGGAWHLRLSRERFKSEDAPKIH 1080

Query: 310 VALGGSFLNLAFLVNVGSGSGKSDAACWARGAVFHYFLLCAFTWMGLEAFHLYLLAVR 369
VALGGSFLNLAFLVNVGSGSGKSDAACWARGAVFHYFLLCAFTWMGLEAFHLYLLAVR
Sbjct: 1081 VALGGSFLNLAFLVNVGSGSGKSDAACWARGAVFHYFLLCAFTWMGLEAFHLYLLAVR 1260

Query: 370 VFNTYFGHYFLKLSLVGWGLPALMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY 429
VFNTYFGHYFLKLSLVGWGLPALMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY
Sbjct: 1261 VFNTYFGHYFLKLSLVGWGLPALMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY 1440

Query: 430 ALYITVHGYFLITFLFGMVVLALVVKIFTLSRATAVKERGKNRKKVLTLGLSSSLVGVT 489
ALYITVHGYFLITFLFGMVVLALVVKIFTLSRATAVKERGKNRKKVLTLGLSSSLVGVT
Sbjct: 1441 ALYITVHGYFLITFLFGMVVLALVVKIFTLSRATAVKERGKNRKKVLTLGLSSSLVGVT 1620

Query: 490 WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPQSSTTVSSSTARLDQAHSASQE 549
WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPQSSTTVSSSTARLDQAHSASQE
Sbjct: 1621 WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPQSSTTVSSSTARLDQAHSASQE 1800